

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(379/406.08.ccls.),CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/13 17:59
		(379/406.08,406.12.ccls.),CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/13 17:58
		((379/406.08,406.12).ccls.),CCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/13 17:58
		(379/406.08,406.12.ccls.),CCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/13 17:58
		(379/406.08,406.12.ccls.),CCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/13 17:57
S1	16	(US-5317596-\$ or US-5303264-\$ or US-5285474-\$ or US-5117418-\$ or US-5524149-\$ or US-5787113-\$ or US-6072782-\$ or US-6377683-\$ or US-5793801-\$ or US-5870432-\$ or US-5521908-\$ or US-5181198-\$ or US-5461640-\$ or US-5623513-\$ or US-5917809-\$ or US-5297166-\$).did.	USPAT	OR	OFF	2003/10/22 11:05
S2	158	"16" and matri	USPAT	OR	ON	2003/10/22 11:06
S3	6	((US-5317596-\$ or US-5303264-\$ or US-5285474-\$ or US-5117418-\$ or US-5524149-\$ or US-5787113-\$ or US-6072782-\$ or US-6377683-\$ or US-5793801-\$ or US-5870432-\$ or US-5521908-\$ or US-5181198-\$ or US-5461640-\$ or US-5623513-\$ or US-5917809-\$ or US-5297166-\$).did.) and matri\$5	USPAT	OR	ON	2003/10/22 11:10

S4	4	(echo and cancel\$7).ab. and (dmt and "frequency domain" and isi and ici)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 11:11
S5	324	echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 12:50
S6	64	echo same cancel\$7 same frequency same dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 11:33
S7	16	(US-6377683-\$ or US-5181198-\$ or US-5285474-\$ or US-5117418-\$ or US-5461640-\$ or US-5317596-\$ or US-5303264-\$ or US-5297166-\$ or US-5917809-\$ or US-5870432-\$ or US-5793801-\$ or US-5787113-\$ or US-5623513-\$ or US-5524149-\$ or US-5521908-\$ or US-6072782-\$).did.	USPAT	OR	OFF	2003/10/23 12:33
S8	6	((US-6377683-\$ or US-5181198-\$ or US-5285474-\$ or US-5117418-\$ or US-5461640-\$ or US-5317596-\$ or US-5303264-\$ or US-5297166-\$ or US-5917809-\$ or US-5870432-\$ or US-5793801-\$ or US-5787113-\$ or US-5623513-\$ or US-5524149-\$ or US-5521908-\$ or US-6072782-\$).did.) and matri\$5	USPAT	OR	OFF	2003/10/23 12:33
S9	10	(echo and cancel\$7 and frequency and dmt).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:47
S10	94	(echo and cancel\$7 and frequency and domain).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:47
S11	10	((echo and cancel\$7 and frequency and domain).ab.) and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:38

S12	0	(dmt and hermitian).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:39
S13	11	(dmt).ab. and hermitian	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:44
S14	7	(dmt).ab. and hermitian and echo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:44
S15	0	"6597745".URPN.	USPAT	OR	OFF	2004/05/11 13:32
S16	6	("5249200"   "5878086"   "5881108"   "5881363"   "5946038"   "6166601").PN.	USPAT	OR	OFF	2004/05/11 13:32
S17	3	adsl.ab. and asynchronous and (echo\$cancel\$4 "echo canceller" ).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:11
S18	67	adsl.ab. and (echo).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:12
S19	15	(adsl.ab. and (echo).ab.) and transform and frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:37
S20	1	(transform with echo with (signal estimate) with (time time\$domain)) same subtract	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:43
S21	147	(transform with echo with (signal estimate) with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:50
S22	44	((transform with echo with (signal estimate) with time)) and echo.ab.	USPAT	OR	OFF	2004/05/12 10:44
S23	21	(transform near5 echo near5 (signal estimate) near5 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:50

S24	13	((379/406.01-406.16).CCLS,) and echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 13:53
S25	1282	(379/406.01-406.16).CCLS.	USPAT; USOCR	OR	OFF	2004/05/12 13:54
S26	979	(375/285,296).CCLS.	USPAT; USOCR	OR	OFF	2004/05/12 13:54
S27	18	((375/285,296).CCLS.) and echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 13:54
S49	200	isi with echo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 12:50
S50	7	isi with echo with ici	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:21
S51	2	"5285474".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 13:21
S52	16	(US-5317596-\$ or US-5303264-\$ or US-5285474-\$ or US-5117418-\$ or US-5524149-\$ or US-5787113-\$ or US-6072782-\$ or US-6377683-\$ or US-5793801-\$ or US-5870432-\$ or US-5521908-\$ or US-5181198-\$ or US-5461640-\$ or US-5623513-\$ or US-5917809-\$ or US-5297166-\$).did.	USPAT	OR	OFF	2009/07/13 17:37
S53	185	"16" and matri	USPAT	OR	ON	2009/07/13 17:37
S54	6	((US-5317596-\$ or US-5303264-\$ or US-5285474-\$ or US-5117418-\$ or US-5524149-\$ or US-5787113-\$ or US-6072782-\$ or US-6377683-\$ or US-5793801-\$ or US-5870432-\$ or US-5521908-\$ or US-5181198-\$ or US-5461640-\$ or US-5623513-\$ or US-5917809-\$ or US-5297166-\$).did.) and matri\$5	USPAT	OR	ON	2009/07/13 17:37

S55	5	(echo and cancel\$7).ab. and (dmt and "frequency domain" and isi and ici)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S56	809	echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S57	123	echo same cancel\$7 same frequency same dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S58	16	(US-6377683-\$ or US-5181198-\$ or US-5285474-\$ or US-5117418-\$ or US-5461640-\$ or US-5317596-\$ or US-5303264-\$ or US-5297166-\$ or US-5917809-\$ or US-5870432-\$ or US-5793801-\$ or US-5787113-\$ or US-5623513-\$ or US-5524149-\$ or US-5521908-\$ or US-6072782-\$).did.	USPAT	OR	OFF	2009/07/13 17:37
S59	6	((US-6377683-\$ or US-5181198-\$ or US-5285474-\$ or US-5117418-\$ or US-5461640-\$ or US-5317596-\$ or US-5303264-\$ or US-5297166-\$ or US-5917809-\$ or US-5870432-\$ or US-5793801-\$ or US-5787113-\$ or US-5623513-\$ or US-5524149-\$ or US-5521908-\$ or US-6072782-\$).did.) and matri\$5	USPAT	OR	OFF	2009/07/13 17:37
S60	16	(echo and cancel\$7 and frequency and dmt).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S61	182	(echo and cancel\$7 and frequency and domain).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S62	16	((echo and cancel\$7 and frequency and domain).ab.) and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37

S63	0	(dmt and hermitian).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S64	28	(dmt).ab. and hermitian	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S65	20	(dmt).ab. and hermitian and echo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S66	14	"6597745".URPN.	USPAT	OR	OFF	2009/07/13 17:37
S67	6	("5249200"   "5878086"   "5881108"   "5881363"   "5946038"   "6166601").PN.	USPAT	OR	OFF	2009/07/13 17:37
S68	3	adsl.ab. and asynchronous and (echo\$cancel\$4 "echo canceller" ).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S69	110	adsl.ab. and (echo).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S70	23	(adsl.ab. and (echo).ab.) and transform and frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S71	7	(transform with echo with (signal estimate) with (time time\$domain)) same subtract	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S72	240	(transform with echo with (signal estimate) with time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S73	43	((transform with echo with (signal estimate) with time)) and echo.ab.	USPAT	OR	OFF	2009/07/13 17:37
S74	43	(transform near5 echo near5 (signal estimate) near5 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37

S75	38	((379/406.01-406.16).CCLS.) and echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S76	2007	(379/406.01-406.16).CCLS.	USPAT; USOCR	OR	OFF	2009/07/13 17:37
S77	1773	(375/285,296).CCLS.	USPAT; USOCR	OR	OFF	2009/07/13 17:37
S78	49	((375/285,296).CCLS.) and echo and cancel\$7 and frequency and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S79	274	isi with echo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S80	10	isi with echo with ici	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S81	2	"5285474".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:37
S82	0	(379/406.08.ccls).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/13 17:59
S83	712	379/406.08,406.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:00
S84	791	lindqvist.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:08
S85	17	lindqvist.in. and fredrik.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:08

S86	7	S85 and fertner.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:08
S87	0	S85 and (isi ici)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:09
S88	3	S84 and (isi ici)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 18:09

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S89	607	379/406.08,406.12.cols.	USPAT; UPAD	OR	ON	2009/07/13 18:01
S90	607	379/406.08,406.12.cols.	USPAT; UPAD	OR	ON	2009/07/13 18:01

10/6/2009 2:53:22 PM

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